

# 6th EFMC Short Course on Medicinal Chemistry - Fall 2012

## Programme

### Monday October 22, 2012

**08:30 Introduction – The Importance of Drug Metabolism in Drug Discovery and Development**

Dr Kevin BEAUMONT  
(PFIZER, Cambridge, United Kingdom)

**09:00 Assays in Drug Metabolism and their Use/Interpretation**

Dr Kevin BEAUMONT  
(PFIZER, Cambridge, United Kingdom)

**10:00 Coffee Break**

**10:30 Basic PK Principles Including Tutorial on PK**

Dr Anthony HARRISON  
(HOFFMANN-LA ROCHE , Basel, Switzerland)

**12:30 Lunch**

**13:30 Physicochemistry and Tutorial on ADME Physicochemistry**

Dr Kevin BEAUMONT  
(PFIZER, Cambridge, United Kingdom)

**15:30 Coffee Break**

**16:00 Oral Absorption and Oral Bioavailability**

Dr Christopher KOHL  
(ACTELION PHARMACEUTICALS LTD., Allschwil, Switzerland)

**17:30 Close**

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### Tuesday October 23, 2012

- 08:30      Tutorial on Oral Absorption and Bioavailability**  
Dr Christopher KOHL  
(ACTELION PHARMACEUTICALS LTD., Allschwil, Switzerland)
- 10:00      Coffee Break**
- 10:30      Drug Distribution Including Tutorial on Free Drug Hypothesis and Dose Prediction**  
Dr Kevin BEAUMONT  
(PFIZER, Cambridge, United Kingdom)
- 12:30      Lunch**
- 13:30      Overview of Drug Metabolizing Enzymes and Role in Clearance - Interactive Session (combining lecture and tutorial)**  
Dr Anthony HARRISON  
(HOFFMANN-LA ROCHE , Basel, Switzerland)
- 15:00      Coffee Break**
- 15:30      Overview of Drug Transporters and Role in Clearance - Interactive Session (combining lecture and tutorial)**  
Dr Katherine FENNER  
(ASTRAZENECA, Macclesfield, United Kingdom)
- 17:00      Short Tutorial on Drug Clearance**  
Dr Katherine FENNER (ASTRAZENECA, Macclesfield, United Kingdom)  
Dr Anthony HARRISON (HOFFMANN-LA ROCHE , Basel, Switzerland)
- 17:30      Close**

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### Wednesday October 24, 2012

**08:30      Pharmacokinetic Pharmacodynamic Relationships**

Dr Robert WEBSTER  
(PFIZER, Sandwich, Kent, United Kingdom)

**10:30      Coffee Break**

**11:00      Tutorial on Pharmacokinetic Pharmacodynamic Relationships**

Dr Robert WEBSTER  
(PFIZER, Sandwich, Kent, United Kingdom)

**11:30      How Does DM fit all Together at Registration?**

Dr Angus NEDDERMAN  
(UNILABS, York, United Kingdom)

**12:30      Wrap up and lunch**